1. PHONEMES OF KLY

Consonants

		Bilabial	Interdental	Alveolar	Velar
Stops	Voiced	b	ḏ	d	g
	Voiceless	p	ṯ	t	k
Nasals		m		n	ŋ
Sibilants	Voiced			z	
	Voiceless			s	
Rhotic				r̃	
Lateral				l	
Semi-vowels		w		y	

Stops are distinguished at four points of articulation (bilabial, interdental, alveolar and velar) and as to voicing and voicelessness. Nasals contrast at bilabial, alveolar and velar points of articulation. The voiced and voiceless sibilants /z/ and /s/ are alveolar. The lateral /l/ is alveolar. The rhotic /r̃/ is alveolar. The semi-vowels are bilabial /w/ and alveo-palatal /y/.

Vowels

	Front	Central	Back
High	i	ə	u
Low	e	a	o

Six vowels are distinguished. Vowels contrast vertically as to high and low tongue position and horizontally as to front, central and back tongue position.

2. INTERPRETATION

2.1 INTERPRETATION OF AMBIVALENT CONSONANT SOUNDS

Ambivalent consonant items include lip rounding in the environment of a back vowel on all consonants. Allophones of /s/ and /z/, [ʦ] and [dz], occur in free variation with [s] and [z] respectively word initially. Allophones of /p/ and /b/, [pp̄] and [bb̄], occur occasionally in free variation with the more common allophones [p] and [b] respectively. Because they are non-contrastive with their co-allophones and because no unambiguous consonant clusters occur within syllables, these complex allophones of /s/, /z/, /p/ and /b/ are all interpreted as single consonants (units rather than sequences). Because these complex allophones occur word medially and word finally, they must be regarded as occurring within the one syllable. See section 3.2 for examples.

2.2 INTERPRETATION OF SEMI-VOWELS

(a) Where a phonetic semi-vowel functions as the peak of a syllable, it is interpreted as a vowel.

[i^{t}]	/it/	'banana sucker'
[si·p^{h}i]	/si·pi/	'root'
[ris]	/r̃is/	'bait'
[gi]	/gi/	'knife'
[ʊm]	/um/	'death'

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